Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011320\
Data File : BF118546.D
Acq On : 13 Jan 2020 22:30
Operator : JU
Sample : L1103-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-MW-14(2-2.5)

Manual Integrations APPROVED
mohammad
1/14/2020 2:31:57 PM

Quant Time: Jan 14 13:58:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 16:06:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	133375	20.00	ng		-0.02
21) Naphthalene-d8	8.10	136	513353	20.00	ng		-0.02
39) Acenaphthene-d10	9.86	164	262942	20.00	ng		-0.02
64) Phenanthrene-d10	11.36	188	383789	20.00	ng		-0.02
76) Chrysene-d12	14.02	240	319395	20.00	ng		-0.02
87) Perylene-d12	15.50	264	318687	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	374276	46.32	ng		-0.01
7) Phenol-d6	6.46	99	474160	49.09	ng		-0.02
23) Nitrobenzene-d5	7.38	82	263923	27.01	ng		-0.02
42) 2,4,6-Tribromophenol	10.66	330	133714	43.10	ng		-0.02
45) 2-Fluorobiphenyl	9.17	172	561166	30.61	ng		-0.03
79) Terphenyl-d14	12.95	244	550649	27.32	ng		-0.02
Target Compounds							Qvalue
31) Naphthalene	8.12	128	582396	21.689	ng		99
37) 2-Methylnaphthalene	8.82	142	99792m	5.415	ng		
38) 1-Methylnaphthalene	8.92	142	76366	4.413	ng	#	99
49) Acenaphthylene	9.72	152	453988	17.936	ng		99
50) Dimethylphthalate	9.57	163	63764	3.160	ng		97
52) Acenaphthene	9.89	154	34101	2.206	ng		99
55) Dibenzofuran	10.07	168	91092	3.924	ng		96
58) Fluorene	10.41	166	171014	9.164	ng		100
71) Phenanthrene	11.39	178	1246393	57.974	ng		99
72) Anthracene	11.43	178	372147	17.399	ng		99
73) Carbazole	11.59	167	45465	2.454	ng	#	85
75) Fluoranthene	12.60	202	2004427	91.727	ng		98
78) Pyrene	12.83	202	1896977	72.188	ng		98
81) Benzo(a)anthracene	14.01	228	1341164	59.991	ng		97
83) Chrysene	14.04	228	1084950	49.942	ng		95
86) Indeno(1,2,3-cd)pyrene	16.99	276	419534	23.987	ng		95
88) Benzo(b)fluoranthene	15.07	252	1516352m	65.812	ng		
89) Benzo(k)fluoranthene	15.09	252	471612m	21.444	ng		
90) Benzo(a)pyrene	15.44	252	961146	50.904	ng		99
91) Dibenzo(a,h)anthracene	16.99	278	130734m	7.384	ng		
92) Benzo(g,h,i)perylene	17.44	276	392935	23.423	ng		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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